

0022



State of Utah

Department of  
Environmental Quality

Dianne R. Nielson, Ph.D.  
*Executive Director*

DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
*Director*

JON M. HUNTSMAN JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

December 12, 2006

Jonathan M. Pachter, Vice President  
Consolidation Coal Company  
P.O. Box 566  
Sesser, IL 62884

*Jeon*  
*4/015/0007 OK*

Dear Mr. Pachter:

Subject: Reconnaissance Inspection, UPDES Permit No. UTG040026  
Consolidation Coal - Hidden Valley Mine Site in Emery, Utah.

On December 5, 2006 I conducted an inspection of your facility in regards to the above referenced UPDES Permit. No deficiencies were observed and no response is required at this time. Please continue to keep me informed of the site activities and schedules.

Enclosed is a copy of the inspection report for your records. If you have any questions with regards to this matter, please contact me at (801) 538-6779 or [jstudenka@utah.gov](mailto:jstudenka@utah.gov).

Sincerely,

*Jeff Studenka*

Jeff Studenka, Environmental Scientist  
UPDES Permits Section

Enclosures

cc (w/ Encl.): Darcy O'Connor, EPA Region VIII  
Claron Bjork, SE Utah District Health  
Dave Ariotti, SE District Engineer  
Pam Grubaugh-Littig, Utah Division of Oil Gas & Mining

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DEC 15 2006

DIV. OF OIL, GAS & MINING



United States Environmental Protection Agency  
Washington, D.C. 20460

## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., ICIS)

Transaction Code <input type="text" value="N"/>	NPDES <input type="text" value="U"/> <input type="text" value="T"/> <input type="text" value="G"/> <input type="text" value="0"/> <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="6"/>	yr/mo/day <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="5"/>	Inspection Type <input type="text" value="R"/>	Inspector <input type="text" value="S"/>	Fac. Type <input type="text" value="2"/>
1	2	3	11	12	17
Remarks					
21					
66					
Inspection Work Days <input type="text" value="2"/>	Facility Self-Monitoring Evaluation Rating <input type="text" value="3"/>	BI <input type="text" value="N"/>	QA <input type="text" value="N"/>	Reserved	
67	69	70	71	72	73 74 75 80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/ Date 11:00 / 12-5-06	Permit Effective Date 7-1-2006
CONSOLIDATION COAL CO. HIDDEN VALLEY MINE SITE approx. 1 mile east off Utah Hwy. 10, south of Emery, UT in Emery County, UT.	Exit Time/ Date 12:00 / 12-5-06	Permit Expiration Date 4-30-2008
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Harry, site activities supervisor, and Earthfax Consulting Geologist, and Zimmerman Drilling crew. Subcontractors for John Gefferth of Consolidation Coal Co. (618) 625-6850	SIC Code 1222, bituminous underground coal mining (as proposed). Currently in the development process with no active mining processes on site.	
Name, Address of Responsible Official/Title/Phone and Fax Number	Contacted	
Jonathon M. Pachter, Vice President Consolidation Coal Company P.O. Box 566 Sesser, IL 62884 (618) 625-6850	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

### Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

### Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Number(s)	Date:
Jeff Studenka <i>Jeff Studenka</i>	DWQ (801) 538-6779	12-12-06
Name and Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Number(s)	Date:
Mike Herkimer, Manager UPDES Permits Section <i>Mike Herkimer</i>	DWQ (801) 538-6058	12/13/06

## **INSPECTION PROTOCOL**

UPDES Permit #: UTG040026  
Inspection Type: Reconnaissance Inspection  
Inspection Date: December 5, 2006

Jeff Studenka of the Division of Water Quality (DWQ) met with Consolidation Coal Company's Hidden Valley Mine site consultant from Earthfax and Zimmerman Drillers. The purpose and scope of the inspection were explained, a site activity over view was provided by Earthfax, and a facility tour was conducted.

## **FACILITY DESCRIPTION**

Location: Approximately 1 mile east of Hwy 10, south of Emery, in Emery County, Utah.  
Note: Outfalls 001, 002, and 006 thru 011 have not been developed yet.

Coordinates: Outfall 003 (bore hole #1) – 38° 48' 59" latitude, -111° 17' 38" longitude  
Outfall 004 (bore hole #2) – 38° 48' 37" latitude, -111° 17' 52" longitude  
Outfall 005 (bore hole #3) – 38° 49' 14" latitude, -111° 17' 14" longitude

Average Flow: No Discharging flows have been reported to date.

Receiving water: Ivie Creek and unnamed, dry wash tributaries of Ivie Creek.

Process: This is an inactive underground coal mining operation currently in the developmental stages with only drilling activities at this time. The water from drilling activities is put into a cyclone sediment separator, and then into 1 or 2 portable storage tanks for clarifying and settling before discharging thru one micron filter bags onto the ground. Samples have been collected for the discharging events to comply with the UPDES Permit requirements. Straw bales and earthen check dams have been utilized to minimize sediment flow (fines) entering the streambed.

## **INSPECTION SUMMARY**

There were no deficiencies noted during the last inspection for follow up. Outfall locations 003, 004 & 005 were observed as well as the receiving waters of Ivie Creek. There were no deficiencies observed.

## **DEFICIENCIES**

No deficiencies with respect to the UPDES permit were noted during the inspection.

## **REQUIREMENTS**

None.



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December 12, 2006

Mr. Mike Davis, Mine Engineer  
Canyon Fuel Company, LLC - SUFCO Mine  
397 South 800 West  
Salina, Utah 84654

Dear Mr. Davis:

Subject: UPDES Permit No. UT0022918, Compliance Evaluation  
Inspection.

Attached are the results of the UPDES Compliance Evaluation Inspection conducted by Division of Water Quality staff at the SUFCO Mine facility on December 5, 2006. No deficiencies were observed and no response is required at this time.

Thank you for your time facilitating the inspection. If you have any questions or comments, please contact me at (801) 538-6779 or by e-mail at [jstudenka@utah.gov](mailto:jstudenka@utah.gov).

Sincerely,

Jeff Studenka, Environmental Scientist  
UPDES Permits Section

Enclosures

cc: Darcy O'Connor, EPA Region VIII (w/encl)  
Bruce Costa, Central Utah Health Dept. (w/encl)  
Roger Foisy, DEQ District Engineer (w/encl)  
Pam Grubaugh-Littig, Division of Oil Gas & Mines (w/encl)  
Tom Rushing, DWQ (stormwater 3560 only)

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DIV. OF OIL, GAS & MINING



United States Environmental Protection Agency  
Washington, D.C. 20460

## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., ICIS)

Transaction Code [N] 1	NPDES [U][T][0][0][2][2][9][1][8] 3 11	yr/mo/day [0][6][1][2][0][5] 12 17	Inspection Type [C] 18	Inspector [S] 19	Fac. Type [2] 20
Remarks 21 66					
Inspection Work Days [ ] [3] 67 69	Facility Self-Monitoring Evaluation Rating [5] 70	BI [D] 71	QA [N] 72	Reserved 73 74 75 80	

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. SUFCO MINE approx. 10 NE of I-70, exit 73, up Convulsion Canyon Sevier County, UT	Entry Time/ Date 12:45 / 12-5-06	Permit Effective Date 5-1-2006
	Exit Time/ Date 13:45 / 12-5-06	Permit Expiration Date 4-30-2011
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mike Davis, Environmental Engineer (435) 286-4421	Other Facility Data (e.g., SIC NAICS, and other descriptive information) SIC Code 1222, bituminous underground coal mining.	
Name, Address of Responsible Official/Title/Phone and Fax Number Ken May, General Manager 397 South 800 West Salina, UT 84654 (435) 286-4880	Contacted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

### Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
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<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input checked="" type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

### Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
[ ][ ][ ][ ]	
[ ][ ][ ][ ]	
[ ][ ][ ][ ]	
[ ][ ][ ][ ]	

Name(s) and Signature(s) of Inspector(s) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 12-12-06
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES Permits Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 12/13/06

## **INSPECTION PROTOCOL**

UPDES Permit #: UT0022918  
Inspection Type: Compliance Evaluation Inspection  
Inspection Date: December 5, 2006

Jeff Studenka of the Division of Water Quality (DWQ) met with Mike Davis of Canyon Fuel Company's SUFCO Mine. The purpose and scope of the inspection were explained, the EPA Region 8 NPES Inspection Checklist was completed, and a brief facility tour was conducted.

## **FACILITY DESCRIPTION**

Location: Approximately 10 miles NE of I-70, from exit 73 in Sevier County, Utah.

Coordinates: Outfall 001 (mine water) – 38° 54' 54" latitude, -111° 24' 54" longitude  
Outfall 002 (sed. pond) – 38° 54' 52" latitude, -111° 24' 58" longitude  
Outfall 003 (mine water) – 38° 57' 26" latitude, -111° 23' 06" longitude

Average Flow: ~5 MGD from outfall 003, ~0.03 MGD from 002, (No Discharges from 001).

Receiving water: Quitchupah Creek.

Process: This is an active underground coal mining operation utilizing long-wall technology. Water from the mine is conveyed to a below ground settling pond areas and pump stations, where it is then piped out of the mine and continuously discharged to Quitchupah Creek (Outfall 003). Surface water runoff is conveyed to an above ground settling pond (002) that discharges on a regular basis. Outfall 001 has not discharge in many years and it is not expected to discharge in the foreseeable future.

## **INSPECTION SUMMARY**

There were no deficiencies noted during the last Compliance Evaluation Inspection for follow up. The facility tour was limited to above-ground activities, therefore outfall 003 was not observed during this inspection. Outfall locations 001 & 002 and the sedimentation pond were observed as well as the receiving waters of Quitchupah Creek. DMR forms were reviewed for the month of April 2006 and determined to be accurate and complete. There were no deficiencies observed.

## **DEFICIENCIES**

No deficiencies with respect to the UPDES permit were noted during the inspection.

## **REQUIREMENTS**

None.

## USEPA REGION 8 NPDES INSPECTION CHECKLIST

NPDES PERMIT #: UT0022918INSPECTION DATE: 12-5-06FACILITY: SUFGO Mine

Mike Davis - on site 12:45 pm - 1:45 pm

## I. PERMIT VERIFICATION

☒ YES ☐ NO

Inspection observations verify information contained in permit.

☒ Yes ☐ No ☐ N/A

1. Current copy of permit on site.

☒ Yes ☐ No ☐ N/A

2. Name, mailing address, contact, and phone number are correct in PCS. If not, indicate correct information on Form 3560.

3. Brief description of the wastewater treatment plant:

Simone mine - Coal mine dewatering consisting of pumps & piping  
to underground settling pond and sealed gob area prior to  
discharge thru COB. Turbidity meters are new for cont. monitoring.

☒ Yes ☐ No ☐ N/A

4. Facility is as described in permit. If not, what is different? \_\_\_\_\_

☐ Yes ☐ No ☒ N/A

5. EPA/State has been notified of any new, different, or increased loading to the WWTP.

☒ Yes ☐ No ☐ N/A

6. Number and location of discharge points are as described in the permit.

☒ Yes ☐ No ☐ N/A7. Name of receiving water(s) is/are correct. Quitchuck CreekComments: Sed pond cleared in July 2006

## II. RECORDKEEPING AND REPORTING EVALUATION

☒ YES ☐ NO

Records and reports are maintained as required by permit.

☒ Yes ☐ No ☐ N/A

1. All required information is current, complete, and reasonably available.

☒ Yes ☐ No ☐ N/A

2. Information is maintained for the required 3 year period.

3. Sampling and analysis data are adequate and include:☒ Yes ☐ No ☐ N/A

a. Dates, times, locations of sampling.

☒ Yes ☐ No ☐ N/A

b. Initials of individual performing sampling.

☒ Yes ☐ No ☐ N/A

c. Referenced analytical methods and techniques in conformance with 40 CFR Part 136.

☒ Yes ☐ No ☐ N/A

d. Results of analyses and calibration.

☒ Yes ☐ No ☐ N/A

e. Dates of analyses (and times if required by permit).

☒ Yes ☐ No ☐ N/A

f. Initials of person performing analyses.

☒ Yes ☐ No ☐ N/A

g. Instantaneous flow at grab sample stations.

- Yes No N/A 6. Permittee has asked lab for QC data. (included w/reports)
- Yes No N/A 7. Permittee maintains copies of WET lab reports on site for required 3 year period, and makes them available for review by inspectors.
- Yes No N/A 8. Evaluation and review of WET data by permittee adequate such that no follow up at lab is necessary. (Follow up to be conducted by EPA and/or State.)

Comments:

WET Labs, Inc. utilized.

#### IV. FACILITY SITE REVIEW

Mine dewatering

YES NO

Treatment facility properly operated and maintained.

Yes No N/A

1. Standby power or other equivalent provision is provided. Specify type:

Diesel generator for main fan control, no backup power for pumps

Yes No N/A

2. Facility has an alarm system for power or equipment failures. What kind of problems has the facility experienced due to power failures? none

Yes No N/A

3. Treatment control procedures are established for emergencies.

Yes No N/A

4. Facility can be by-passed (internal, collection system, total). Describe by-pass procedures: \_\_\_\_\_

Yes No N/A

5. Regulatory agency was notified of any bypassing (treated and/or untreated).

Dates: \_\_\_\_\_

Yes No N/A

6. WWTP has adequate capacity to ensure against hydraulic and/or organic overloads.

Yes No N/A

7. All treatment units, other than back-up units, are in service. If not, what and why? \_\_\_\_\_

Yes No N/A

8. O&M manual available and up-to-date.

Yes No N/A

9. Procedures for plant O&M, including preventive maintenance schedules, are established and performed on time.

Yes No N/A

10. Adequate spare parts and supplies inventory (including flow meters) are maintained, as well as major equipment specifications and/or repair manuals.

Yes No N/A

11. Up-to-date maintenance and repair records are kept for major pieces of equipment.



- ☒ Yes ☐ No ☐ N/A 11. Plant is generally clean, free from open trash areas.
- ☒ Yes ☐ No ☐ N/A 12. MSDS sheets, if required, are accessible by employees.

Comments:

## VI. FLOW MEASUREMENT

☒ YES NO FLOW MEASUREMENT MEETS THE REQUIREMENTS AND INTENT OF PERMIT

### A. PRIMARY EFFLUENT FLOW MEASUREMENT

#### 1. General

Type of primary flow measurement device: Wier (002+003) (001 does not discharge but flow is obtained manually if needed)

- ☒ Yes ☐ No ☐ N/A 1. Primary flow measuring device is properly installed and maintained.  
Where? Prior to outfall 003
- ☒ Yes ☐ No ☐ N/A 2. Flow measured at each outfall. Number of outfalls: 3
3. Frequency of routine inspection of primary flow device by operator:  
2 / day. month or more
4. Frequency of routine cleaning of primary flow device by operator:  
/week. as needed
- Yes ☐ No ☒ N/A 5. Influent flow is measured before all return lines.
- ☒ Yes ☐ No ☐ N/A 6. Effluent flow is measured after all return lines.
- Yes ☐ No ☒ N/A 7. Proper flow tables are used by facility personnel.
8. Design flow: 5.5 mgd.
- ☒ Yes ☐ No ☐ N/A 9. Flow measurement equipment adequate to handle expected ranges of flow rate.

#### 2. Open Channel Primary Flow Measuring Devices

Flumes

Type and size: N/A EFF

- Yes ☐ No ☒ N/A 1. Flume is located in a straight section of the open channel, without bends immediately upstream or downstream.
- Yes ☐ No ☒ N/A 2. Flow entering flume appears reasonably well distributed across the channel and free of turbulence, boils, or other distortions.
- Yes ☐ No ☒ N/A 3. Flume is clean and free of obstructions, debris or deposits.
- Yes ☐ No ☒ N/A 4. All dimensions of flume accurate and level.

Yes No N/A 1. Venturi meter is installed downstream from a straight and uniform section of pipe?

B. Secondary Flow Measurement *n/a*

1. General

1. What are the most common problems that the operator has had with the secondary flow measurement device? \_\_\_\_\_

Yes No *N/A*

2. Flow records properly kept.

Yes No *N/A*

a. All charts maintained in a file.

Yes No *N/A*

b. All calibration data kept.

Yes No *N/A*

3. Secondary device calibration records are kept.

a. Frequency of secondary device calibration: \_\_\_\_\_ / year.

4. Frequency of flow totalizer calibration: \_\_\_\_\_ / year.

Yes No *N/A*

5. Secondary instruments (totalizers, recorders, etc.) are properly operated, calibrated, and maintained.

Floats

Type and model: *n/a* \_\_\_\_\_ EFF

Bubblers

Type and model: *n/a* \_\_\_\_\_ EFF

Ultrasonic

Type and model: *n/a* \_\_\_\_\_ EFF

Electrical

Type and model: *n/a* \_\_\_\_\_ EFF

Comments:

# VIII. COMPLIANCE SCHEDULE STATUS REVIEW

N/A

YES NO

The permittee is meeting the compliance schedule

1. Is the facility subject to a compliance schedule either in its permit or in an order? If facility is subject to an order, note docket number: \_\_\_\_\_

N/A

2. What milestones remain in the schedule? \_\_\_\_\_

(Attach additional sheets as necessary.)

Yes No N/A

3. Facility is in compliance with unachieved milestones.

Yes No N/A

4. Facility has missed milestone dates, but will still meet the final compliance date.

## IX. PERMITTEE SAMPLING EVALUATION

YES NO

Sampling meets the requirements and intent of the permit.

Yes No N/A

1. Samples are taken at sampling location specified by permit.

Yes No N/A

2. Locations are adequate for representative samples.

Yes No N/A

3. Flow proportioned samples are obtained.

Yes No N/A

4. Permittee is using method of sample collection required by permit.

Required method: Grab

If not, method being used is:

( ) Grab

( ) Manual

( ) Automatic composite

Yes No N/A

5. Sample collection procedures adequate and include:

a. Sample refrigeration during compositing.

b. Proper preservation techniques.

c. Containers in conformance with 40 CFR 136.3.

Specify any problems: \_\_\_\_\_

Yes No N/A

Yes No N/A

Yes No N/A

Yes No N/A

Comments:

Sampling program very organized and reliable.  
NO deficiencies observed. SWPPP on site and last  
updated Nov 2006.

Yes No N/A

7. Evidence of accelerated testing if toxicity present?

Yes No N/A

8. TIE/TRE in progress?

9. What is sampling frequency for routine testing? N/A

Yes No N/A

10. WET lab certified/inspected by State? *(Utah is developing a certification program for WET and has made some visits to labs.)*

Identity of WET lab used:

WET Labs, Inc.

Contact Name

Lee Rawlings

Phone Number

501-763-0660

Address

American Fork

#### Review of WET Lab Reports

Yes No N/A

1. Report format meets EPA Methods requirements?  
(see Weber et al., 1988, 1989)

Yes No N/A

2. Does lab report indicate which statistical method was used for chronic tests? (Region 8 and Colorado protocols)

Yes No N/A

4. Does permittee submit complete WET lab report to EPA/State?

Summary of problems identified above:

no problems identified.

Facility:	Canyon Fuels SUFCO				
Outfall: 001	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
pH	Sampling Info.	S.U.	Analysis Info.	S.U.	Holding Time (Days)
No Discharge					
	Daily Min	N/A	Daily Min	N/A	
	Daily Max	N/A	Daily Max	N/A	

Facility:	Canyon Fuels SUFCO				
Outfall: 002	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
pH	Sampling Info.	S.U.	Analysis Info.	S.U.	Holding Time (Days)
	Apr-06	8.01	Instant	8.01	N/A
	Apr-06	8.52	Instant	8.52	N/A
	Daily Min	8.01	Daily Min	8.01	
	Daily Max	8.52	Daily Max	8.52	

Facility:	Canyon Fuels SUFCO				
Outfall: 003	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
pH	Sampling Info.	S.U.	Analysis Info.	S.U.	Holding Time (Days)
	Apr-06	6.87	Instant	6.87	N/A
	Apr-06	7.38	Instant	7.38	N/A
	Daily Min	6.87	Daily Min	6.87	
	Daily Max	7.38	Daily Max	7.38	

Facility:	Canyon Fuels SUFCO				
Outfall: 001	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
TSS	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
No Discharge					
	30 Day Avg	N/A	30 Day Avg	N/A	
	Max 7 Day Avg	N/A	Max 7 Day Avg	N/A	
	Daily Max	N/A	Daily Max	N/A	

Facility:	Canyon Fuels SUFCO				
Outfall: 002	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values*		
TSS	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
	Apr-06	67	Apr-06	N/A	ok
	Apr-06	33	Apr-06	N/A	ok
	30 Day Avg	50	30 Day Avg	N/A	
	Max 7 Day Avg	67	Max 7 Day Avg	N/A	
	Daily Max	67	Daily Max	N/A	

\*precipitation event, settleable solids limited instead of TSS

Facility:	Canyon Fuels SUFCO				
Outfall: 003	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
TSS	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
	Apr-06	5	Apr-06	N/A	ok
	Apr-06	8	Apr-06	N/A	ok
	30 Day Avg	6.5	30 Day Avg	6.5	
	Max 7 Day Avg	8	Max 7 Day Avg	8.0	
	Daily Max	8	Daily Max	8.0	

Facility:	Canyon Fuels SUFCO									
Outfall: 001	Month: April 2006									
Parameter:	Bench Sheet Values					DMR Reported Values				
Oil & Grease	Sampling Info.	Yes/No	Mg/l	Analysis Info.	Yes/No	Mg/l	No Discharge			
30 Day Avg					30 Day Avg					
Daily Max					Daily Max					

Facility:	Canyon Fuels SUFCO									
Outfall: 002	Month: April 2006									
Parameter:	Bench Sheet Values					DMR Reported Values				
Oil & Grease	Sampling Info.	Visual Yes/No	Mg/l	Analysis Info.	Visual Yes/No	Mg/l	Holding Time			
	Apr-06	No	<2	Apr-06	No	N/A				
	Apr-06	No	<2	Apr-06	No	N/A				
30 Day Avg					30 Day Avg					
Daily Max					Daily Max					

Facility:	Canyon Fuels SUFCO									
Outfall: 003	Month: April 2006									
Parameter:	Bench Sheet Values					DMR Reported Values				
Oil & Grease	Sampling Info.	Visual Yes/No	Mg/l	Analysis Info.	Visual Yes/No	Mg/l	Holding Time			
	Apr-06	No	N/A	Apr-06	No	N/A				
	Apr-06	No	N/A	Apr-06	No	N/A				
30 Day Avg					30 Day Avg					
Daily Max					Daily Max					

Facility:	Canyon Fuels SUFCO				
Outfall: 001	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
Iron	Sampling Info.	Mg/l	Analysis Date And Time	Mg/l	Holding Time
No Discharge					
	30 Day Avg		30 Day Avg		
	Daily Max		Daily Max		

Facility:	Canyon Fuels SUFCO				
Outfall: 002	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
Iron	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
	Apr-06	0.51	Apr-06	N/A	ok
	Apr-06	0.24	Apr-06	N/A	ok
	30 Day Avg	N/A	30 Day Avg	N/A	
	Daily Max	0.51	Daily Max	0.51	

Facility:	Canyon Fuels SUFCO				
Outfall: 003	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
Iron	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
	Apr-06	0.39	Apr-06	N/A	ok
	Apr-06	<0.05	Apr-06	N/A	ok
	30 Day Avg	N/A	30 Day Avg	N/A	
	Daily Max	0.39	Daily Max	0.39	



Facility:	Canyon Fuels SUFCO				
Outfall: 001	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
TDS	Sampling Info.	Mg/l	Analysis Info.	Mg/l	Holding Time
No Discharge					
	30 Day Avg		30 Day Avg		
	Daily Max		Daily Max		

Facility:	Canyon Fuels SUFCO				
Outfall: 002	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
TDS	Sampling Info.	lbs/day	Analysis Info.	lbs/day	Holding Time
	Apr-06	N/A	Apr-06	N/A	ok
	Apr-06	N/A	Apr-06	N/A	ok
	30 Day Avg	N/A	30 Day Avg	N/A	
	Daily Max	778	Daily Max	778	

Facility:	Canyon Fuels SUFCO				
Outfall: 003	Month: April 2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
TDS	Sampling Info.	mg/L	Analysis Info.	mg/L	Holding Time
	Apr-06	729	Apr-06	N/A	ok
	Apr-06	754	Apr-06	N/A	ok
	30 Day Avg	742	30 Day Avg	742	
	Daily Max	754	Daily Max	754	

Facility:	Canyon Fuels SUFCO				
Outfall: 003	2005-2006				
Parameter:	Bench Sheet Values		DMR Repoted Values		
Toxicity(WET)	Sampling Date And Time	Pass/Fail	Analysis Date	Pass/Fail	Holding Time
	12/14/05 0:00	Pass	12/14-18/2006	Pass	ok
	2/24/06 6:30	Pass	2/24-26/2006	Pass	ok
	6/26/06 6:50	Pass	6/26-30/2006	Pass	ok
	9/20/06 6:35	Pass	9/20-22/2006	Pass	ok



United States Environmental Protection Agency  
Washington, D.C. 20460

## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., ICIS)

Transaction Code [N]	NPDES [U][T][0][0][2][2][9][1][8]	yr/mo/day [0][6][1][2][0][5]	Inspection Type [~]	Inspector [S]	Fac. Type [2]
1	2	3	11	12	17
Remarks					
21					
66					
Inspection Work Days [ ] [2]	Facility Self-Monitoring Evaluation Rating [5]	BI [D]	QA [N]	Reserved	
67	69	70	71	72	73 74 75 80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. SUFCO MINE approx. 10 NE of I-70, exit 73, up Convulsion Canyon Sevier County, UT	Entry Time/ Date 12:45 / 12-5-06	Permit Effective Date 5-1-2006
	Exit Time/ Date 13:45 / 12-5-06	Permit Expiration Date 4-30-2011
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mike Davis, Environmental Engineer (435) 286-4421	Other Facility Data (e.g., SIC NAICS, and other descriptive information) SIC Code 1222, bituminous underground coal mining. The SWPPP is on site and was last updated in November 2006. The SW permit provisions have been incorporated into the UPDES permit, effective 5/1/2006.	
Name, Address of Responsible Official/Title/Phone and Fax Number Ken May, General Manager 397 South 800 West Salina, UT 84654 (435) 286-4880	Contacted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

### Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent/Receiving Waters	<input type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

### Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
[ ][ ][ ][ ][ ]	
[ ][ ][ ][ ][ ]	
[ ][ ][ ][ ][ ]	
[ ][ ][ ][ ][ ]	

Name(s) and Signature(s) of Inspector(s) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 12-12-06
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES Permits Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 12/13/06